

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((predicting or prediction or predict) near3 system near3 failure) pulish same subscribe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/22 15:00
L2	1	((predicting or prediction or predict) near3 system near3 failure) (publish same subscribe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/22 15:00
S1	297	((predicting or prediction or predict) near3 system near3 failure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/22 14:59
S2	41	((predicting or prediction or predict) near3 system near3 failure) ((previous or prior) near3 (result or data or dataset))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:43
S3	1	((predicting or prediction or predict) near3 system near3 failure) same ((previous or prior) near3 (result or data or dataset))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:28
S4	0	((predicting or prediction or predict) near3 system near3 failure) ((previous or prior) near3 (result or data or dataset)) probability	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:29
S5	0	((predicting or prediction or predict) near3 system near3 (failure or problem)) ((previous or prior) near3 (result or data or dataset)) probability	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:29
S6	25	((predicting or prediction or predict) near3 system near3 failure) ((previous or prior) near3 (result or data or dataset)) warning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:57

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S7	0	((predicting or prediction or predict) near3 system near3 failure) ((previous or prior) near3 (result or data or dataset)) (warning near3 messege)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:45
S8	1	((predicting or prediction or predict) near3 system near3 failure) ((previous or prior) near3 (result or data or dataset)) (warning near3 message)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:45
S9	1063	(714/47).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/24 17:57
S15	1063	(714/47).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:59
S16	24	(714/47).ccls. (warning near3 message)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 17:59
S17	2	(714/47).ccls. (warning near3 message) (prior or previous) near3 (data or dataset or result or results)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 18:00
S21	2	("6237114").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/24 18:08
S22	2	("6154128").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/24 18:08

## EAST Search History

S23	2	("6182249").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/24 18:08
S24	2	("6151683").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/24 18:08
S25	2	("6085244").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/24 18:08
S26	3	((predicting or prediction or predict) near3 system near3 failure) subscription	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/05/24 19:51

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[P Pietzuch](#)  
[J Bacon](#)  
[I Foster](#)  
[C Kesselman](#)  
[B Gerkey](#)

**Comparison of Representative Grid Monitoring Tools - all 4 versions »**

Z Balaton, P Kacsuk, N Podhorszki, F Vajda - Reports of the Laboratory of Parallel and Distributed ..., 2000 - bii.a-star.edu.sg  
 ... The NWS uses four **component** processes (see Figure 5): ... state must be able to survive the **failure** of a ... uses the one-minute measurement to **calculate** the fraction ...

[Cited by 16](#) - Related Articles - [View as HTML](#) - [Web Search](#)

**Hermes: a distributed event-based middleware architecture - all 13 versions »**

PR Pietzuch, JM Bacon - Distributed Computing Systems Workshops, 2002. Proceedings. ..., 2002 - ieeexplore.ieee.org  
 ... It consists of two **components**, event clients and event ... nodes from being single points of **failure**, they are ... to the event type name before **calculating** the hash ...

[Cited by 165](#) - Related Articles - [Web Search](#)

**Evaluating Real-time Publish/Subscribe Service Integration Approaches in QoS-enabled Component ...**

G Deng, M Xiong, A Gokhale, G Edwards - Object and Component-Oriented Real-Time Distributed ..., 2007 - www-scf.usc.edu  
 ... measure the end-to-end **publish/subscribe** latency using ... hosted in a single CIAO **component** server ... call and subsequently the subscribers **calculating** the difference ...

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**... and predicting **component failure** based on pattern recognition of subcomponent exposure to **failure****

MJ Wookey - 2004 - freepatentsonline.com  
 ... based system; and means for **calculating** a probability ... The remote server can comprise **components** similar to those ... comprises an exposure level to **failure** of the ...  
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**Determining the impact of a **component failure** on one or more services**

D Bailey, C Newton, GP Noble, MJ Perks, A Tinsley, ... - 2005 - freepatentsonline.com  
 ... mechanism may be used to **publish** specific information ... the severity of the impact and **calculating** the overall recovery time for a **component failure** ...

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**Managing exposure to **failure** for computer-based systems**

S Links - US Patent References - freepatentsonline.com  
 ... one of a data processing system, a **component** of a ... a potential problem with the computer-based system; **calculating** an exposure level to **failure** of the ...  
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**Publish subscribe system**

GD Kendall, CJ Horril, C Cole - 2003 - freepatentsonline.com  
 ... a highly scalable and adaptable **component** which can ... The **calculate** method must finish: either normally by ... **Failure** to correctly implement cleanup( ) can result ...  
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**Managing exposure to **failure** for computer-based systems**

MJ Wookey, PE Bingham, MJ Helgren - 2004 - freepatentsonline.com

... one of a data processing system, a **component** of a ... a potential problem with the computer-based system; **calculating** an exposure level to **failure** of the ...

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[Reliable multi-agent systems with persistent publish/subscribe messaging - all 3 versions](#)

»

M Tasic, A Zaslavsky - Proceedings of the 18th international conference on ..., 2005 - Springer  
... described with characteristics such as **component** autonomy, mobility ... the experiment, but the times of **failure** ... To **calculate** messaging overheads, we conducted the ...

[Related Articles](#) - [Web Search](#)

[\[doc\] IDA Safety Data Transmission Protocol](#)

VDA Modifications - modbus-ida.org

... Experiential values can be used to **calculate** error rates for ... However, a communication **failure** could still occur if, for example, a normal **component** were to ...

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### Using publish/subscribe middleware for mobile systems - all 4 versions »

G Cugola, HA Jacobsen - ACM SIGMOBILE Mobile Computing and Communications Review, 2002 - [sslab.cs.nthu.edu.tw](http://sslab.cs.nthu.edu.tw)

... one would represent a match.) **Probability** theory, fuzzy ... engine is a stand-alone **component** that supports a ... semantic (eg, guar- anteed delivery despite **failure**). ...

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### A peer-to-peer approach to content-based publish/subscribe - all 14 versions »

WW Terpstra, S Behnel, L Fiege, A Zeidler, AP ... - Proceedings of the 2nd International Workshop on Distributed ..., 2003 - [csl.mtu.edu](http://csl.mtu.edu)

... our goals in combining P2P with **publish/subscribe** was to ... the single bottleneck and **point-of-failure** of using ... for a sub- tree, we provide a topology **component** ...

[Cited by 88](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### The Many Faces of Publish/Subscribe - all 31 versions »

PTH EUGSTER, PA FELBER, R GUERRAOUI, AM KERMARREC - ACM Computing Surveys, 2003 - [portal.acm.org](http://portal.acm.org)

... because the sender does not receive success or **failure** noti- fications (this ...

**Publish/subscribe** Yes Yes Yes ... be- tween the replicas of a critical **component** in a ...

[Cited by 391](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Self-Organized Distributed Sensor Network Entity Tracking - all 3 versions »

RR Brooks, C Griffin, D Friedlander - International Journal of High Performance Computing ..., 2002 - [hpc.sagepub.com](http://hpc.sagepub.com)

... It is assumed that individual **components** are prone to **failure** and have ... detection with entity tracks is done by creating a **probability** density function ...

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### Cooperating Sentient Vehicles for Next Generation Automobiles - all 6 versions »

T Sivaharan, G Blair, A Friday, M Wu, H Duran- ... - Workshop on Applications of Mobile Embedded Systems, 2004 - [comp.lancs.ac.uk](http://comp.lancs.ac.uk)

... estimations and awareness of timing **failure probability** for a ... ring topology with single break **failure** resilience. ... in MANET, and a **component**-framework based ...

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### A Self-Organizing Crash-Resilient Topology Management System for Content-Based Publish/Subscribe - all 5 versions »

R Baldoni, R Beraldì, L Querzoni, A Virgillito - 3rd International Workshop on Distributed Event-Based Systems ..., 2004 - [dis.uniroma1.it](http://dis.uniroma1.it)

... the **component** incorporates an eventually perfect **failure** detector based ... Therefore this **component** embeds a network-awareness ... a broker B i with **probability**  $p = F$  ...

[Cited by 6](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### Self-stabilizing routing in publish-subscribe systems - all 9 versions »

Z Shen, S Tirthapura - 3rd International Workshop on Distributed Event-Based ..., 2004 - [archives.ece.iastate.edu](http://archives.ece.iastate.edu)

... focused on the false positive **probability** for checking ... message losses and link formation/**failure**; they do ... An important **component** of the local stabilization algo ...

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[\*\*GREEN: A Configurable and Re-configurable Publish-Subscribe Middleware for Pervasive Computing - all 3 versions »\*\*](#)

T Sivaharan, G Blair, G Coulson - Proceedings of DOA, 2005 - ist-runes.org

... The CLIPS **component** plug-in encapsulates the implementation ... and avoids having single points of **failure**. ... have already been received, the **probability** the message ...

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[\*\*Active architecture for pervasive contextual services - all 9 versions »\*\*](#)

G Kirby, A Dearle, R Morrison, M Dunlop, R Connor, ... - International workshop on middleware for pervasive and ad- ... - eprints.cdlr.strath.ac.uk

... **probability** that copies of a data item will be ... monitoring compo- nents, which will **publish** events on ... self-heal in response to in- dividual **component failure**. ...

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[\*\*A Distributed System Reference Architecture for Adaptive QoS and Resource Management - all 4 versions »\*\*](#)

LR Welch, MW Masters, LA Madden, DT Marlow, P Irey ... - Proceedings of 11th IPPS/SPDP - ipdps.eece.unm.edu

... in [Sun96], and as a **probability** distribution in ... the Application QoS Management & Negotiation **component**. ... the Resource Utilization and **Failure** Monitor **components** ...

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#### ... and predicting component failure based on pattern recognition of subcomponent exposure to failure

MJ Wookey - 2004 - freepatentsonline.com

... existing configuration meets the requirements of a new **component**. ... the curve matches most of the **exposure** levels on ... then there is a high **probability** that there ...

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#### Managing exposure to failure for computer-based systems

S Links - US Patent References - freepatentsonline.com

... Any matching can increase the **probability** of a trending ... The remote server can comprise **components** similar to ... a confidence level 406 of the **exposure** level, and ...

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#### Managing exposure to failure for computer-based systems

MJ Wookey, PE Bingham, MJ Helgren - 2004 - freepatentsonline.com

... Any matching can increase the **probability** of a trending ... The remote server can comprise **components** similar to ... a confidence level 406 of the **exposure** level, and ...

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#### Managing and predicting risk for computer devices using exposure management techniques

MJ Wookey - 2004 - freepatentsonline.com

... Any matching can increase the **probability** of a trending ... The remote server can comprise **components** similar to ... a confidence level 406 of the **exposure** level, and ...

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#### Dynamic rule deployment for a scaleable services rule engine

MJ Wookey, PE Bingham, MJ Helgren - 2004 - freepatentsonline.com

... Any matching can increase the **probability** of a trending ... The remote server can comprise **components** similar to ... a confidence level 406 of the **exposure** level, and ...

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#### The impact of network convergence on telecommunications software - all 3 versions »

S Moyer, A Umar, TT Inc - Communications Magazine, IEEE, 2001 - ieeexplore.ieee.org

... any kind of deterministic **probability** the response ... information inevitably increases its **exposure** to threats. ... involves reusable software **components**, one might ...

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#### Effects of Exposure Uncertainties in the TSCE Model and Application to the Colorado Miners Data - all 6 versions »

WF Heidenreich, EG Luebeck, SH Moolgavkar - Radiation Research - bioone.org

... emphasized Berkson errors, which we believe to be by far the most important **component** of the ... 3. Some **probability** densities for the **exposure** uncertainty as ...

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#### Comments on "Long-term Exposure of E<sup>u</sup>-Pim1 Transgenic Mice to 898.4 MHz Microwaves Does Not Increase ... - all 2 versions »

LS Goldstein, L Kheifets, E van Deventer, M ... - Radiation Research - bioone.org

... surviving and found "no influence of **exposure** level on ... reported their data as cumulative **probability** of lymphoma ... mice in which the viral **component** was absent ...

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**VALIDATING THE ASSUMPTIONS OF THE MAYFIELD METHOD** - all 3 versions »

GL Farnsworth, KC Weeks, TR Simons - Journal of Field Ornithology - bioone.org

... of this method is that every nest **exposure** day is ... can be divided into at least three **components**: (1) nests ... ie, every nest has the same **probability** of fledging ...

Cited by 7 - Related Articles - Web Search - BL Direct

**A UNIFIED APPROACH TO ANALYZING NEST SUCCESS** - all 4 versions »

TL Shaffer - The Auk - bioone.org

... Those three **components**—the binomial response distribution, the ... The logistic-**exposure** link function contains an ... for the fact that **probability** of surviving an ...

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